



# Water Licence Inspection Report

Original  
 Follow-Up Report

|   |                               |
|---|-------------------------------|
| <b>Authorization</b>  | <b>Representative</b>         |
| <b>Queen's University</b>   | <b>Melissa Lafreniere</b>     |
| <b>Authorization No. / Expiry</b>   | <b>Representative's Title</b> |
| <b>8WLC-CBA2324/ July 12, 2024</b>  |                               |
| <b>Other Authorization/s</b>  |                               |
|   |                               |
| <b>Activities Inspected</b>   |                               |
| <input type="checkbox"/> Camp, Commercial <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Roads/Hauling <input type="checkbox"/> Winter Hauling <input type="checkbox"/> Camp, Private <input checked="" type="checkbox"/> Other Research Camp, Water withdraw location, Sump, Fuel storage |                               |

**Conditions:**    **A- Acceptable**    **U-Unacceptable**    **C-Concern**    **NI-Not Inspected**    **NA- Not applicable**

| <b>PART:</b>  | <b>Condition</b> | <b>Observation No.*</b> |
|---|------------------|-------------------------|
| A: SCOPE, DEFINITIONS AND ENFORCEMENT                                   | A                |                         |
| B: GENERAL CONDITIONS   | A                |                         |
| C: CONDITIONS APPLYING TO SECURITY                                      | NI               |                         |
| D: CONDITIONS APPLYING TO WATER USE                                     | A                | 1-3                     |
| E: CONDITIONS APPLYING TO WASTE DISPOSAL AND MANAGEMENT                 | A                | 4-11                    |
| F: CONDITIONS APPLYING TO MODIFICATIONS                                 | NI               |                         |
| G: CONDITIONS APPLYING TO CONSTRUCTION                                  | NI               |                         |
| H: CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING   | NI               |                         |
| I: CONDITIONS APPLYING TO ABANDONMENT, RECLAMATION AND CLOSURE PLANNING | NI               |                         |
| J: CONDITIONS APPLYING TO MONITORING                                    | NI               |                         |
| SCHEDULES   | NI               |                         |

*\*The licence and the observation number corresponds with specific comments provided below.*

|   |                               |
|---|-------------------------------|
| <b>Samples taken by Inspector:</b>                                  | <b>Location(s): Latitude:</b> |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                               |

*\*refers to specific terms and conditions found in the permit/lease in question.*

|  |
|--|
| <p><b>Section 1 Comments</b></p> <p><b>Inspector Statement</b></p> <p>On July 07, 2023, I, Isaiah James Bolt, Inspector with the Crown Indigenous Relations and Northern Affairs Canada (CIRNAC), along with fellow inspector Joseph Monteith of CIRNAC, conducted an on site visit of Cape Bounty Arctic Watershed Observatory project to verify compliance of the conditions found within their issued water licence.</p> <p>At the time of inspection the proponent did not have a copy of the issued water licence on site. It was verbally stated that one should be present on site at all times. The lead of the camp mentioned that they would get a copy sent in on their next fly in.</p> <p><b>Water Usage</b></p> <ol style="list-style-type: none"> <li>At the time of Inspection there were 5 people on site. The camp manager on site mentioned 3 more people would be arriving and there would be 8 people on site during the 2023 field season.</li> <li>Water is collected from the stream close by the air strip in front of the kitchen and lab tents. (Photo #8)</li> <li>Photo of the water log was taken. (Photo #9)</li> </ol> |
|--|



**Waste Water Management**

- 4. Grey water from the kitchen and Pee from the honey bucket is disposed of into a hole in the ground. New holes are dug when the current hole is filled. (Photo #6)
- 5. An Incinolet Toilet was observed on site. (Photo #7)
- 6. All Domestic waste is flown off site.

**Fuel Storage**

- 7. 1 drum and 3 jerry cans were observed in a secondary spill berm. (Photo #5)
- 8. 1 Drum-Fuel pump was stored in the secondary containment
- 9. 14 - 100lb propane tanks were stored behind the kitchen and Lab. (photo #4)
- 10. 5 - 20lbs propane bottles were observed onsite.
- 11. 1 snowmobile and 1 quad were observed onsite. No fuel was stored near the machines (Photo #2)

**Section 2 Non-Compliance**

- 1. No copy of the issued water license present on site.

**Section 3 Action Required**

- 1. Ensure there is always a copy of the issued water license on site.

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>Licensee or Representative</b> | <b>Inspector's Name</b> |
|                                   | Isaiah James Bolt       |
| <b>Signature</b>                  | <b>Signature</b>        |
|                                   | <i>James Bolt</i>       |
| <b>Date</b>                       | <b>Date</b>             |
|                                   | 2023/10/12              |

Office Use Only: Follow-up report to be issued by Inspector  Yes  No



**PHOTO LOG**

| Date:                | Authorization Number: | Camera/Model:              | Inspector         |
|----------------------|-----------------------|----------------------------|-------------------|
| Sunday, July 9, 2023 | 8WLC-CBA2324          | Sony Cyber Shot. DSC-HX50V | Isaiah James Bolt |

| Photo No. | Lat/Long (DD.MM.SS.SS, NAD83)                    |
|-----------|--|
| Photo #1  | <a href="#">Click or tap here to enter text.</a> |



**Description:**  
Aerial Photo of the main camp at Cape Bounty Watershed Observatory.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #2

Click or tap here to enter text.



Description:

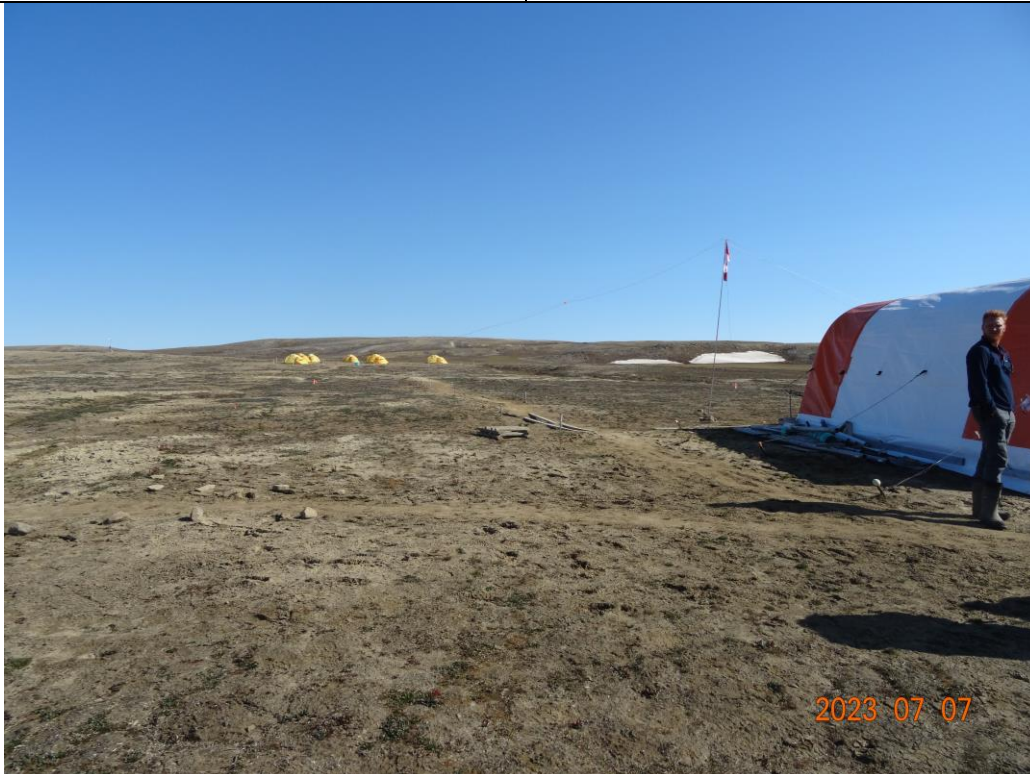
1 Kawasaki 250cc 4 wheeler, 1 wagon, and 1 300cc Skidoo on site.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #3

Click or tap here to enter text.



Description:

An image of the sleeping tents from the kitchen tent area.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #4

Click or tap here to enter text.



**Description:**

Propane tanks tied together and stored behind the tents. The tanks are placed on plywood.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #5

Click or tap here to enter text.



**Description:**

Secondary containment berm with 3 jerry cans and 1 drum of fuel. They also store their fuel pump in secondary containment.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #6

Click or tap here to enter text.



Description:

This image shows the grey water/pee sumps. The hole is covered with a mesh to catch food wastes. Those pot holes are old capped sumps.

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #7

Click or tap here to enter text.



Description:

The incinolet and the honey bucket.



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #8

Click or tap here to enter text.



2023 07 07

Description:

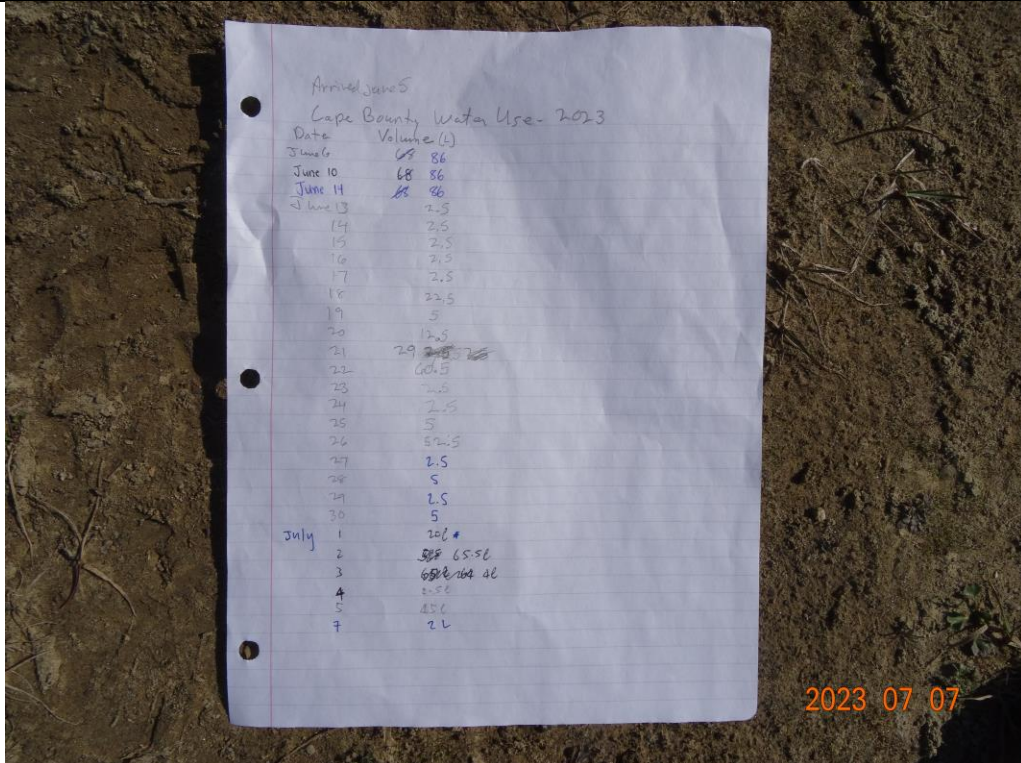
Water withdraw location

Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #9

Click or tap here to enter text.



2023 07 07

Description:

Water use logs June 6 to July 7 2023



Photo No.

Lat/Long (DD.MM.SS.SS, NAD83)

Photo #10

Click or tap here to enter text.



**Description:**

An image of the main camp, path and air strip from the sleeping tents area. The water withdraw river is visible above the path.